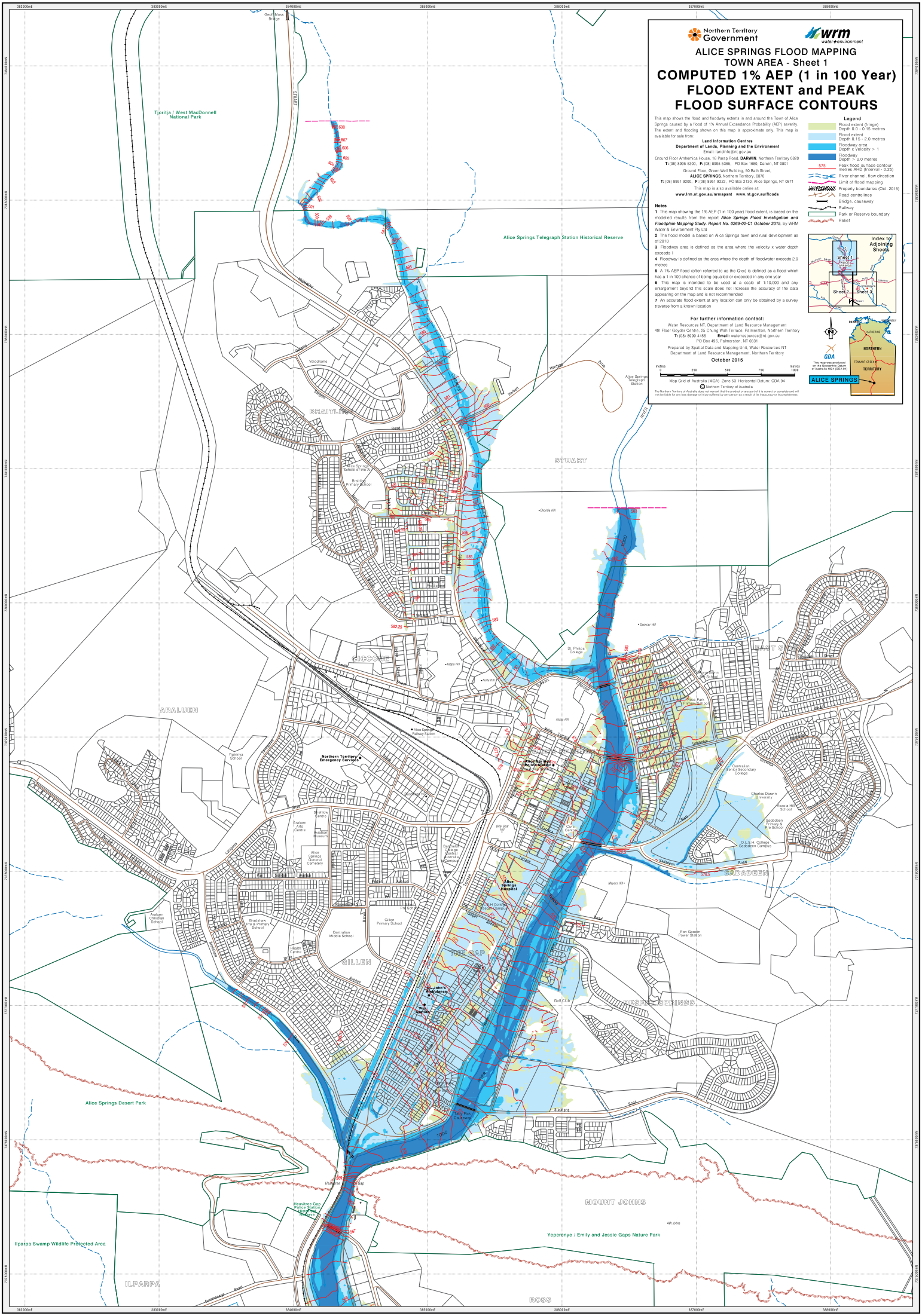
Northern Territory Government
wrm water+environment
ALICE SPRINGS FLOOD MAPPING
TOWN AREA - Sheet 1
COMPUTED 1% AEP (1 in 100 Year)
FLOOD EXTENT and PEAK
FLOOD SURFACE CONTOURS
This map shows the flood and floodway extents in and around the Town of Alice Springs caused by a flood of 1% Annual Exceedance Probability (AEP) severity. The extent and flooding shown on this map is approximate only. This map is available for sale from:
Land Information Centres
Department of Lands, Planning and the Environment
Email landinfo@nt.gov.au
Ground Floor Arnhemica House, 16 Parap Road, DARWIN, Northern Territory 0820
T: (08) 8995 5300, F: (08) 8995 5365, PO Box 1680, Darwin, NT 0801
Ground Floor, Green Well Building, 50 Bath Street,
ALICE SPRINGS Northern Territory, 0870
T: (08) 8951 9200, F: (08) 8951 9222, PO Box 2130, Alice Springs, NT 0871
This map is also available online at:
www.lrm.nt.gov.au/nrmapant www.nt.gov.au/floods
Notes
1 This map showing the 1% AEP (1 in 100 year) flood extent, is based on the modelled results from the report Alice Springs Flood Investigation and Floodplain Mapping Study, Report No. 0269-02-C1 October 2015, by WRM Water & Environment Pty Ltd
2 The flood model is based on Alice Springs town and rural development as of 2010
3 Floodway area is defined as the area where the velocity x water depth exceeds 1
4 Floodway is defined as the area where the depth of floodwater exceeds 2.0 metres
5 A 1% AEP flood (often referred to as the 0.1ce) is defined as a flood which has a 1 in 100 chance of being equalled or exceeded in any one year
6 This map is intended to be used at a scale of 1:10,000 and any enlargement beyond this scale does not increase the accuracy of the data appearing on the map and is not recommended
7 An accurate flood extent at any location can only be obtained by a survey traverse from a known location
For further information contact:
Water Resources NT, Department of Land Resource Management
4th Floor Goyder Centre, 25 Chung Wah Terrace, Palmerston, Northern Territory
T: (08) 8999 4455 Email: waterresources@nt.gov.au
PO Box 496, Palmerston, NT 0831
Prepared by Spatial Data and Mapping Unit, Water Resources NT
Department of Land Resource Management, Northern Territory
October 2015
metres 0 250 500 750 metres 1000
Map Grid of Australia (MGA) Zone 53 Horizontal Datum: GDA 94
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Legend
Flood extent (fringe) Depth 0.0 - 0.15 metres
Flood extent Depth 0.15 - 2.0 metres
Floodway area Depth x Velocity > 1
Floodway Depth > 2.0 metres
575 Peak flood surface contour metres AHD (Interval - 0.25)
River channel, flow direction
Limit of flood mapping
Property boundaries (Oct. 2015)
Road centrelines
Bridge, causeway
Railway
Park or Reserve boundary
Relief
Index to Adjoining Sheets
Sheet 1
Sheet 2
Sheet 3
GDA
This map was produced on the Geocentric Datum of Australia 1994 (GDA 94)
ALICE SPRINGS
NORTHERN TERRITORY
Tjoritja / West MacDonnell National Park
Alice Springs Telegraph Station Historical Reserve
Alice Springs Desert Park
Ilparpa Swamp Wildlife Protected Area
Yeperenye / Emily and Jessie Gaps Nature Park
BRAITLING
STUART
ARALUEN
GILLEN
THE GAP
DESERT SPRINGS
SADADEEN
MOUNT JOHNS
ILPARPA
ROSS
Northern Territory Emergency Services
Alice Springs Hospital
St. John's Ambulance Station
Heavitree Gap Police Station
Alice Springs Railway Station
Alice Springs Telegraph Station
Ron Goodin Power Station
Golf Club
Stuart Park Causeway
Heavitree Gap Causeway
Stephens Road
Larapinta Drive
Ilparpa Road
Heavitree Gap
Alice Springs Desert Park
Yeperenye / Emily and Jessie Gaps Nature Park
Ilparpa Swamp Wildlife Protected Area